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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

347269-991690

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/522,007

INTERNATIONAL APPLICATION NO.

PCT/KR03/001549

INTERNATIONAL FILING DATE

July 31, 2003

PRIORITY DATE CLAIMED

August 2, 2002

TITLE OF INVENTION

LIQUID CRYSTAL DISPLAY AND DRIVING METHOD THEREOF

APPLICANT(S) FOR DO/EO/US

KIM, Jong-Seon

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20.  Other items or information: Postcard and Check No. 579046 (\$170.00 - Decl. Surcharge and Assignments fees.)

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Rec'd PCT/PTO

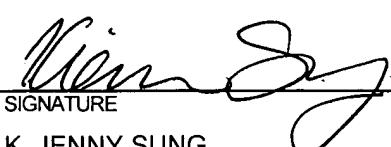
31 AUG 2005

PTO-1390 (Rev. 10-2004)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/522,007	INTERNATIONAL APPLICATION NO. PCT/KR03/001549	ATTORNEY'S DOCKET NUMBER 347269-991690
		CALCULATIONS PTO USE ONLY
21. <input type="checkbox"/> The following fees are submitted:		
<b>BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)):</b>		
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1110.00		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... \$950.00		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$790.00		
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 3Z3(l)-(4). .... \$750.00		
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(l)-(4). .... \$100.00		
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	-20 = 0	X \$18.00
Independent claims	-3 = 0	X \$88.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$300.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.		
<b>SUBTOTAL =</b>		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		
<b>TOTAL NATIONAL FEE =</b>		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		
<b>TOTAL FEES ENCLOSED =</b>		
		Amount to be refunded:
		Amount to be charged:
<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$ 170.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>07-1896</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>		
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.		
SEND ALL CORRESPONDENCE TO:		
DLA Piper Rudnick Gray Cary US LLP		
Customer No. 26379		
Attn.: K. Jenny Sung		
2000 University Avenue		
East Palo Alto, CA 94303		
Telephone No. 650-833-2121		
Facsimile No. 650-833-2001		
		SIGNATURE
		K. JENNY SUNG
		NAME
		48,639
		REGISTRATION NUMBER

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jong-Seon Kim

Serial No: 10/522,007

International Application No.: PCT/KR03/01549

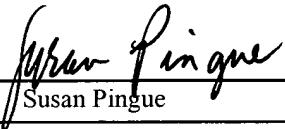
I.A. Filing Date: July 31, 2003

Priority Date: August 2, 2002

Title: LIQUID CRYSTAL DISPLAY AND DRIVING METHOD THEREOF

**CERTIFICATE OF MAILING****VIA EXPRESS MAIL (EV 562302866 US)**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as EXPRESS MAIL in an envelope addressed to: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313, Mail Stop – PCT DO/EO/US, on August 31, 2005.

  
\_\_\_\_\_  
Susan Pingue

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**RESPONSE TO THE NOTICE TO FILE MISSING PARTS UNDER 35 USC 371**

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

In response to the attached copy of the Notification mailed by the U.S. Patent and Trademark Office on July 1, 2005, Attorney for Applicants hereby submits the following documents to complete the filing of the above-referenced patent application:

1. Transmittal Letter;
2. Response to Notification (2 pgs.);
3. Copy of the Notification (2 pgs.);
4. Declaration (executed) (3 pgs.);

5. Assignment and Recordation Sheet (3 pgs);
6. Check No. 579046  
(Payment for the Declaration filing fees (\$130) and Assignment fees (\$40))
7. Return postcard

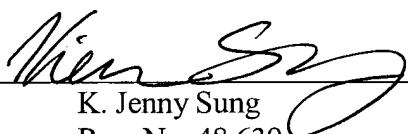
Kindly note and change our old Docket No. 1190860-991690 to our new Docket No.  
347269-991690 before sending any future correspondence.

The Commissioner is hereby authorized to charge the fees and any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1896.

Respectfully submitted,

DLA PIPER RUDNICK GRAY CARY US LLP

Dated: August 31, 2005

By   
K. Jenny Sung  
Reg. No. 48,639  
Attorney for Applicants

DLA Piper Rudnick Gray Cary US LLP  
2000 University Avenue  
East Palo Alto, CA 94303  
Telephone: (650) 833-2121  
Facsimile : (650) 320-7401

/SCP

09/08/2005 LLANDGRA 00000067 10522007

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/522,007	Jong-Seon Kim	1190860-991690

INTERNATIONAL APPLICATION NO.

PCT/KR03/01549

I.A. FILING DATE	PRIORITY DATE
07/31/2003	08/02/2002

26379  
DLA PIPER RUDNICK GRAY CARY US, LLP  
2000 UNIVERSITY AVENUE  
E. PALO ALTO, CA 94303-2248

CALENDARED

BY: KJS  
FOR: KJS  
RESPONSE/EVENT:  
Response to Missing Requirements  
OPP: 01 Sept 2005  
REPLY: 01 Jan 2006

CONFIRMATION NO. 5203  
371 FORMALITIES LETTER



\*OC000000016432674\*

Date Mailed: 07/01/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/19/2005
- Copy of the International Search Report filed on 01/19/2005
- Copy of IPE Report filed on 03/09/2005
- Preliminary Amendments filed on 01/19/2005
- Information Disclosure Statements filed on 01/19/2005
- Oath or Declaration filed on 01/19/2005
- U.S. Basic National Fees filed on 01/19/2005
- Priority Documents filed on 01/19/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Late oath or declaration Surcharge.

**RECEIVED**

JUL 06 2005

**DLA PIPER RUDNICK  
GRAY CARY**

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice MUST be returned with the response.*

SHAKEEL AHMED

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Telephone: (703) 308-9140 EXT 208

PART 1 - ATTORNEY/APPLICANT COPY

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/522,007	PCT/KR03/01549	1190860-991690

FORM PCT/DO/EO/905 (371 Formalities Notice)